UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/660,141	09/11/2003	Sebastien Perrot	PF030065	4968

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EXAMINER
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ART UNIT	PAPER NUMBER
2617	

MAIL DATE	DELIVERY MODE
10/31/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) ☒ Responsive to communication(s) filed on <u>20 August 2007</u>.

2a) ☒ This action is **FINAL**.   2b) ☐ This action is non-final.

3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) ☒ Claim(s) <u>1-9</u> is/are pending in the application.

   4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5) ☐ Claim(s) _____ is/are allowed.

6) ☒ Claim(s) <u>1-9</u> is/are rejected.

7) ☐ Claim(s) _____ is/are objected to.

8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) ☐ The specification is objected to by the Examiner.

10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.

   Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

   Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

   a) ☐ All b) ☐ Some * c) ☐ None of:

   1. ☐ Certified copies of the priority documents have been received.

   2. ☐ Certified copies of the priority documents have been received in Application No. _____.

   3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

   * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☐ Notice of References Cited (PTO-892)

2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3) ☐ Information Disclosure Statement(s) (PTO/SB/08)
   Paper No(s)/Mail Date _____.

4) ☐ Interview Summary (PTO-413)
   Paper No(s)/Mail Date. _____ .

5) ☐ Notice of Informal Patent Application

6) ☐ Other: _____.

DETAILED ACTION

1.   This action is in response to applicant's amendment filed on August 20, 2007.

Claims 1-9 are pending in the present application.

Response to Arguments

2.   Applicant's arguments with respect to **claims 1-9** have been considered but are

moot in view of the new ground(s) of rejection.

Claim Rejections - 35 USC § 102

3.   The text of those sections of Title 35, U.S. Code not included in this action can

be found in a prior Office action.

4.   Claims 1-2 are rejected under 35 U.S.C. 102(e) as being anticipated by **Meier,**

U.S. Patent Number 6,400,702 (hereinafter Meier).

Regarding claim 1, Meier teaches a bridge device ($WDAP_s$ 441) for connecting a

centralized wireless network (*OWL radio network 421*) to a plurality of other networks

(*subnets 401 and 403*) (see col. 10, lines 17-30, col. 20, lines 28-34, col. 24, lines 29-

41, col. 25, lines 8-10 and Fig. 9; shows a wireless domain access point ($WDAP_s$ 441)

[i.e. reads on a bridge device for connecting a centralized wireless network 421 to a

plurality of other wired networks 401 & 403]), each of said other networks having

devices which can communicate with each other (see col. 22, lines 50-55 and col. 26,

lines 20-25), said centralized wireless network comprising: only one an access point

device ($WDAP_P$ 425), other than the bridge device, adapted to manage the centralized

wireless network and to associate with a wireless device to allow said wireless device to be a member of the centralized wireless network and to allow said wireless device to communicate with other members of the centralized wireless network (see col. 24, line 31 through col. 26, line 25 and Fig. 9; shows a centralized wireless network 421 comprising a primary wireless domain access point (WDAP$_P$ 425)), said bridge device (WDAP$_s$ 441) comprising a bridge module for managing a plurality of ports for connecting to respective other networks (see col. 10, lines 17-30, col. 20, lines 28-34, col. 24, lines 29-41 and col. 25, lines 8-10); wherein said bridge device comprises a link management module for managing associations with said access point of devices of networks connected to the bridge device other than the centralized wireless network (see col. 22, lines 29-35, col. 23, lines 23-29 and col. 24, lines 29-41 [i.e. the spanning tree protocol contained at the bridge device (WDAP$_s$ 441) reads on a link management module, since the spanning tree protocol is known in the art as a link management protocol and is specifically implemented in the bridging device (WDAP$_s$ 441) for monitoring communication traffic flow related to associations and disassociations of communication terminals in the centralized wireless network 421 and the wired networks 401 & 403]); and wherein the bridge device (WDAP$_s$ 441) is adapted to be associated to said access point (WDAP$_P$ 425) of the centralized wireless network (*OWL radio network 421*) (see col. 10, lines 17-30, col. 20, lines 28-34, col. 24, lines 29-41, col. 25, lines 8-10 and Fig. 9; shows a wireless domain access point (WDAP$_s$ 441) [i.e. a bridge device] to be associated to said access point (WDAP$_P$ 425) of centralized wireless network [*i.e. OWL radio network 421*]).

Regarding claim 2, Meier teaches all the limitations of claim 1. In addition, Meier further teaches a bridge device, further comprising means for determining a spanning tree for all networks attached to the device, comprising means for enabling or disabling the determination of the spanning tree (see col. 22, lines 29-35, col. 23, lines 23-29 and col. 24, lines 29-41).

5.   Claims 3-9 are rejected under 35 U.S.C. 103(a) as being unpatentable over **Meier, U.S. Patent Number 6,400,702 (hereinafter Meier)** as applied to claim 1 above, and further in view of **Baker et al., U.S. Patent Number 5,570,366 (hereinafter Baker)**.

Regarding claim 3, Meier teaches all the limitations of claim 1. Meier fails to explicitly teach means for updating filtering tables for respective connected networks, said filtering tables comprising information for determining whether a message on a network is to be forwarded to another network or not, said updating using a process by default, comprising means for enabling or disabling the default process.

Baker, however, teaches a bridge-based access point comprising means for updating filtering tables for respective connected networks (see col. 4, line 52 through col. 5, line 32, col. 6, lines 35-44 and Figures 1, 2 and 8), said filtering tables comprising information for determining whether a message on a network is to be forwarded to another network or not, said updating using a process by default (see col. 4, line 52 through col. 5, line 32 and col. 6, lines 35-44), comprising means for enabling or disabling the default process (see col. 5, lines 19-26 and Figures 1, 2 and 8).

It would therefore have been obvious to one of ordinary skill in the art at the time

of the invention to modify Meier with Baker to include means for updating filtering tables

for respective connected networks, said filtering tables comprising information for

determining whether a message on a network is to be forwarded to another network or

not, said updating using a process by default, comprising means for enabling or

disabling the default process, in order to efficiently transfer filtering information

concerning a mobile terminal from one access point to another when the mobile

terminal moves from the network of the one access point to the network of the another

access point as per the teachings of Baker (see col. 2, lines 44-49).

Regarding claim 4, Meier in view of Baker teaches all the limitations of claim 3.

Baker further teaches a bridge device, wherein said default process is based on

analysis of source address in messages detected on a respective network, comprising

means for enabling or disabling message detection based updating (see col. 4, line 52

through col. 5, line 32 and col. 6, lines 35-44 and Figures 5-6 and 8).

Regarding claim 5, Meier in view of Baker teaches all the limitations of claim 3.

Baker further teaches a bridge device, further comprising means for updating a filtering

table for a given network based on a device discovery process specific to said given

network (see col. 4, line 52 through col. 5, line 32 and col. 6, lines 35-44 and Figures 2

and 8).

Regarding claim 6, Meier in view of Baker teaches all the limitations of claim 3.

Baker further teaches a bridge device, wherein said default process is enabled for an

Ethernet network (see col. 3, lines 57-61 and col. 5, lines 19-32).

Regarding claim 7, Meier in view of Baker teaches all the limitations of claim 3.

Baker further teaches a bridge device, wherein said default process is disabled for a

USB network (see col. 3, lines 57-61 and col. 5, lines 19-32 [i.e. the limitation "said

default process is disabled for a USB network" is met by Baker, since Baker teaches the

enabling and disabling of a wired network which broadly reads on a USB network]).

Regarding claim 8, Meier in view of Baker teaches all the limitations of claim 1.

Baker further teaches a bridge device, further comprising means for generating a

message to said link management module upon a filtering table amendment, said

means for generating a message having an enabled state and a disabled state for each

network (see col. 4, line 52 through col. 5, line 32 and col. 6, lines 35-44 and Figures 2

and 8).

Regarding claim 9, Meier in view of Baker teaches all the limitations of claim 8.

Baker further teaches a bridge device, wherein said means for generating a message

are enabled for an Ethernet network (see col. 3, lines 57-61 and col. 5, lines 19-32).

Conclusion

6.   Applicant's amendment necessitated the new ground(s) of rejection presented in

this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP

§ 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37

CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE

MONTHS from the mailing date of this action. In the event a first reply is filed within

TWO MONTHS of the mailing date of this final action and the advisory action is not

mailed until after the end of the THREE-MONTH shortened statutory period, then the

shortened statutory period will expire on the date the advisory action is mailed, and any

extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of

the advisory action. In no event, however, will the statutory period for reply expire later

than SIX MONTHS from the date of this final action.

7.   Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Anthony S. Addy whose telephone number is 571-272-

7795. The examiner can normally be reached on Mon-Thur 8:00am-6:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Duc M. Nguyen can be reached on 571-272-7503. The fax phone number

for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the

Patent Application Information Retrieval (PAIR) system. Status information for

published applications may be obtained from either Private PAIR or Public PAIR.

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For more information about the PAIR system, see http://pair-direct.uspto.gov. Should

you have questions on access to the Private PAIR system, contact the Electronic

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USPTO Customer Service Representative or access to the automated information

system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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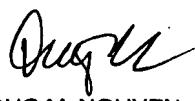
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